

Appendix B:SAR Measurement results Plots

Table of contents
2.4G WiFi Ant1
2.4G WiFi Ant2
5.2G WiFi Ant1
5.2G WiFi Ant2
5.8G WiFi Ant1
5.8G WiFi Ant2

Test Laboratory: CTI SAR Lab

Wifi 802.11b 11CH Front Side 0mm-Ant1

DUT: Tablet PC; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2462 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 39.304$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.65, 7.65, 7.65) @ 2462 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (8x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.766 W/kg

Configuration/Body/Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

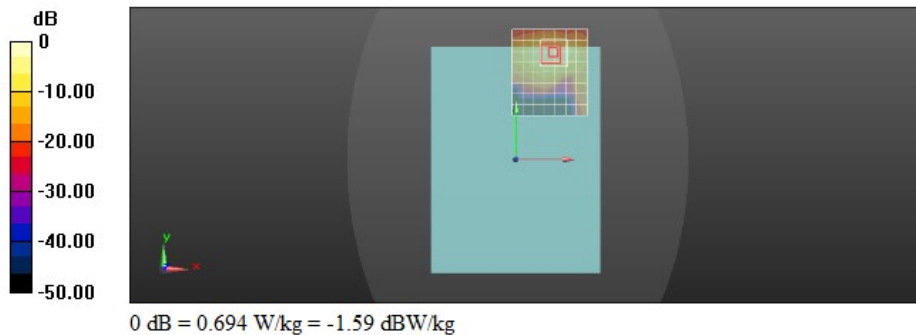
Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.121 W/kg

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 35.9%

Maximum value of SAR (measured) = 0.694 W/kg



Test Laboratory: CTI SAR Lab

Wifi 802.11b 1CH Front Side 0mm-Ant2

DUT: Tablet PC; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2412 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.833$ S/m; $\epsilon_r = 39.541$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.65, 7.65, 7.65) @ 2412 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.974 W/kg

Configuration/Body/Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

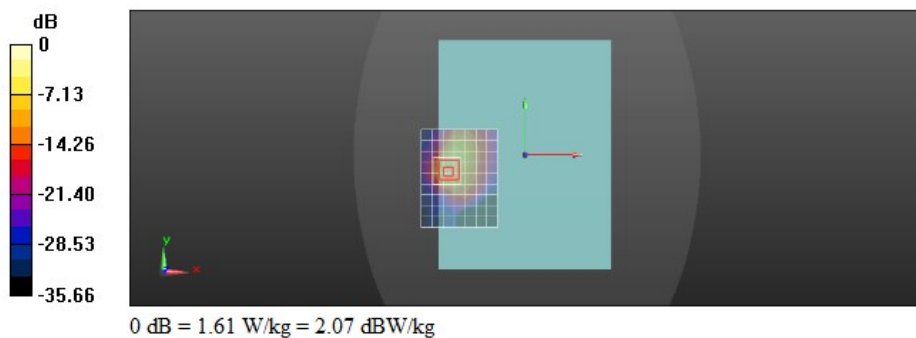
Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.284 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 34.8%

Maximum value of SAR (measured) = 1.61 W/kg



Test Laboratory: CTI SAR Lab

Wifi 802.11a 36CH Front Side 0mm-Ant1

DUT: Tablet PC; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.2G; Frequency: 5180 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 5180$ MHz; $\sigma = 4.618$ S/m; $\epsilon_r = 35.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(5.37, 5.37, 5.37) @ 5180 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (8x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.22 W/kg

Configuration/Body/Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

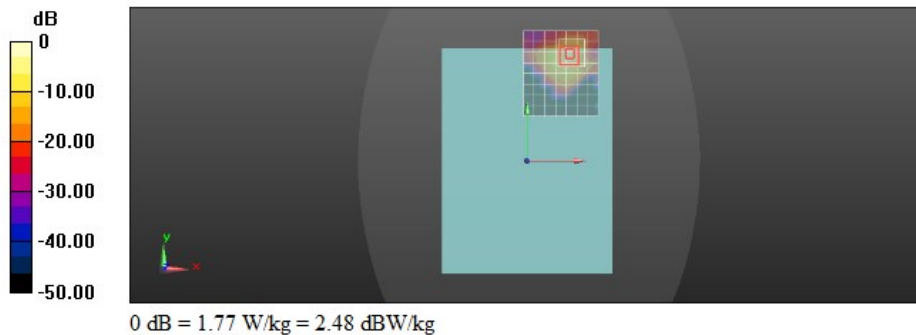
Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.155 W/kg

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 38.7%

Maximum value of SAR (measured) = 1.77 W/kg



Test Laboratory: CTI SAR Lab

Wifi 802.11a 48CH Front Side 0mm-Ant2

DUT: Tablet PC; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.2G; Frequency: 5240 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 5240$ MHz; $\sigma = 4.715$ S/m; $\epsilon_r = 35.676$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(5.37, 5.37, 5.37) @ 5240 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (9x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.43 W/kg

Configuration/Body/Zoom Scan (7x7x5)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

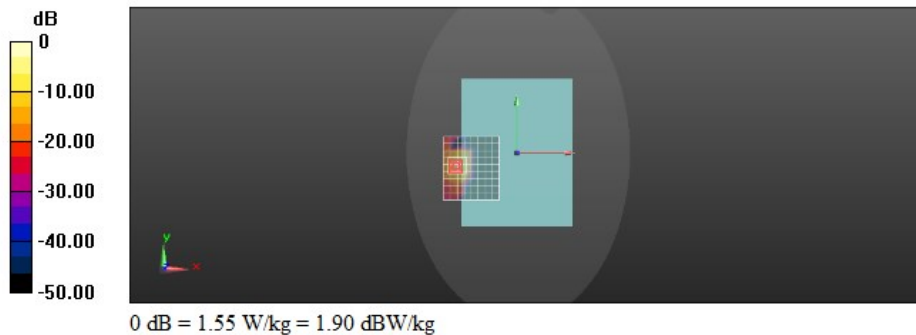
Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.150 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 39.5%

Maximum value of SAR (measured) = 1.55 W/kg



Test Laboratory: CTI SAR Lab

Wifi 802.11a 149CH Front Side 0mm-Ant1

DUT: Tablet PC; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.8G; Frequency: 5745 MHz;Communication System PAR: 0 dB; PMF: 1

Medium parameters used: f = 5745 MHz; $\sigma = 5.189 \text{ S/m}$; $\epsilon_r = 34.599$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(4.96, 4.96, 4.96) @ 5745 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (8x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.46 W/kg

Configuration/Body/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

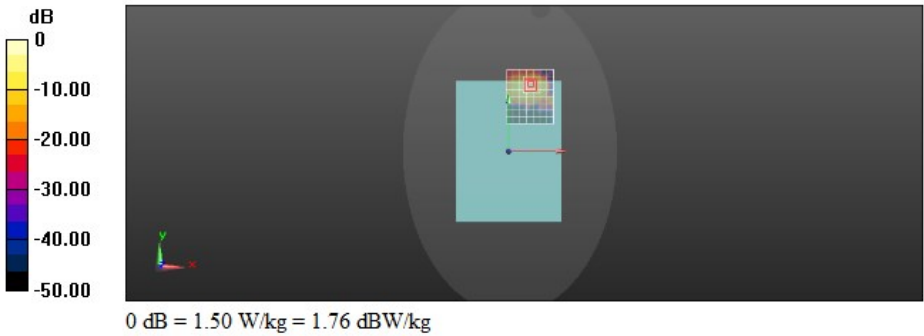
Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.150 W/kg

Smallest distance from peaks to all points 3 dB below = 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 33.5%

Maximum value of SAR (measured) = 1.50 W/kg



Test Laboratory: CTI SAR Lab

Wifi 802.11a 149CH Front Side 0mm-Ant2

DUT: Tablet PC; Type: NA; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi 5.8G; Frequency: 5745 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 5745$ MHz; $\sigma = 5.189$ S/m; $\epsilon_r = 34.599$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(4.96, 4.96, 4.96) @ 5745 MHz; Calibrated: 5/7/2025
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 1/20/2025
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: 2024
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.725 W/kg

Configuration/Body/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.142 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 1.69 W/kg

